AMENDMENTS TO THE CLAIMS

1) (Currently Amended): A nozzle hub for securing a nozzle core comprising:

a) a cylindrically shaped wall extending downward to an exterior groove, then outward to a break point defined by a hexagonal shape spaced apart from said exterior groove, downward there-from along the faces to an adjacent fund-us which has a hexagonal perimeter;

b) a interior cylindrically shaped barrel wall made with a slight inward slant or cast and extends downward from the upper surface to said fund-us;

c) a groove with a ledge defined by a vertical perimeter and a flare extending inward from said perimeter;

d) a longitudinal slot descending along said hub set inward at an acute angle;

e) a horizontal furrow intersecting said groove and spaced tangent to said ledge defined by said vertical perimeter and said flare extending inward from said perimeter;

f) wherein there is a controlled ratio of ~~the external~~ diameter of said interior cylindrically shaped barrel wall made with a slight inward slant or cast measured at any elevation between tangency point at intersection of said flare extending inward from said perimeter and said fund-us ~~and the~~ to width of said longitudinal slot descending along said hub set inward at an acute angle measured at an identical elevation.

2) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said cylindrically shaped barrel wall is made with a slight inward slant or cast and extends downward from said flare wall at an angle between 1 and 5 degrees and more preferable about 2-4 degrees which helps to support and align the nozzle core.

AMENDMENTS TO THE CLAIMS

3) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said nozzle hub can be removed, separated from said nozzle core and reused for securing said nozzle core again.

4) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said barrel wall of said nozzle hub secures said nozzle core to a reservoir from which a viscous liquid is transferable.

5) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said exterior groove is a means for connection of said barrel wall of said nozzle hub through an adjacent fund-us which has a hexagonal perimeter shape to a source of heat.

6) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said longitudinal slot extending downward along said hub, said nozzle core is compressed through said slot, sliding along said horizontal furrow, intersecting said groove and spaced tangent to said ledge defined by said vertical perimeter, expanding to locate said nozzle core on said flare extending inward from said perimeter.

7) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said break point defined by a hexagonal shape spaced apart from said exterior groove at an angle of about 30 degrees with the vertical.

8) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said break point that is hexagonal in shape, and measures between 5 and 25 millimeters and more preferable about 8-12 millimeters between parallel said faces.

9) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said cylindrically shaped wall extending downward to said exterior groove is about 7 to 8 millimeters.

AMENDMENTS TO THE CLAIMS

10) (Currently Amended): The nozzle hub for securing a nozzle core of Claim 1, wherein said exterior groove [[span]] is about one millimeter wide.

11) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said groove with a ledge defined by said vertical perimeter and said flare extending inward from said perimeter is about one or two millimeters from the top circular surface.

12) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said longitudinal slot descending along said hub set inward at an acute angle has a wall convergence between about 6 to 8 degrees included.

13) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said horizontal furrow intersecting said groove and spaced tangent to said ledge is about 0.5 to 0.75 millimeters across.

14) (Original): The nozzle hub for securing a nozzle core of Claim 1, said exterior groove, downward there-from along the faces to an adjacent fund-us is about 4 to 8 millimeters.

15) (Currently Amended): The nozzle hub for securing a nozzle core of Claim 1, wherein there is a controlled [[the]] ratio of said diameter of [[the]] said interior cylindrically shaped barrel wall made with a slight inward slant or cast measured at any elevation between tangency point at intersection of said flare extending inward from said perimeter and said fund-us to [[the]] width of said longitudinal slot, descending along said hub set inward at an acute angle, measured at an identical elevation, exceeds 0.5.

16) (Original): The nozzle hub for securing a nozzle core of Claim 1, wherein said longitudinal slot descending along said hub set inward at an acute angle is parallel to said interior cylindrically shaped barrel wall made with a slight inward slant or cast.

17) (Canceled):

AMENDMENTS TO THE CLAIMS

18) (Currently Amended): The nozzle hub for securing a nozzle core of ~~Claim 17~~ Claim 1, wherein said interior cylindrically shaped barrel wall with a slight outward cast or slant, extending upward from said groove to a circle lying in a plane parallel to the plane of said fund-us is about 25 millimeters in diameter.

19) (Currently Amended): The nozzle hub for securing a nozzle core of ~~Claim 17~~ Claim 1, wherein said horizontal furrow originates from a flat surface recessed below said cylindrically shaped wall, extending upward to said top circular surface.